

22783 U.S. PTO
022504

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

| | |
|------------------------|----------------------------------|
| Attorney Docket No. | 36992.00108 (HAL 266) |
| First Inventor | Takashi Amano |
| Title | DATA STORAGE SYSTEMS AND METHODS |
| Express Mail Label No. | EL 806 909 034 US |

22141 U.S. PTO
10787372

022504

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 22]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
5. Oath or Declaration [Total Sheets 2]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: General Authorization to Petition for Extensions of Time

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: ____ / ____
Prior application information: Examiner ____ Art Unit: ____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number

30256

OR ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Marc A. Sockol

Registration No. (Attorney/Agent)

40,823

Signature

Date

February 25, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 828

Complete if Known

Application Number Unknown
Filing Date February 25, 2004
First Named Inventor Takashi Amano
Examiner Name Unknown
Art Unit Unknown
Attorney Docket No. 36992.00108 (HAL 266)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None
Order

☒ Deposit Account:

Deposit Account Number 05-0150

Deposit Account Name Squire, Sanders & Dempsey L.L.P.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Fee Code | Fee (\$) | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|----------|----------|--------------|----------|----------|------------------------|----------|
| | 1001 | 770 | | 2001 | 385 | Utility filing fee | 770 |
| | 1002 | 340 | | 2002 | 170 | Design filing fee | |
| | 1003 | 530 | | 2003 | 265 | Plant filing fee | |
| | 1004 | 770 | | 2004 | 385 | Reissue filing fee | |
| | 1005 | 160 | | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | | | (\$ 770) |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | | Extra Claims | | Fee from below | | Fee Paid |
|-----------------------|----|--------|-----------------|---|-------------------|----|-------------|
| Total Claims | 21 | -20 ** | = | 1 | X | 18 | = 18 |
| Independent Claims | 3 | -3 ** | = | 0 | X | | = 0 |
| Multiple Dependent | | | | | X | | = 0 |

| Large Entity | Fee Code | Fee (\$) | Small Entity | Fee Code | Fee (\$) | Fee Description |
|--------------|----------|----------|--------------|----------|----------|--|
| | 1202 | 18 | | 2202 | 9 | Claims in excess of 20 |
| | 1201 | 86 | | 2201 | 43 | Independent claims in excess of 3 |
| | 1203 | 290 | | 2203 | 145 | Multiple dependent claim, if not paid |
| | 1204 | 86 | | 2204 | 43 | ** Reissue independent claims over original patent |
| | 1205 | 18 | | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 18)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Fee Code | Fee (\$) | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|----------|----------|--------------|----------|----------|--|----------|
| | 1051 | 130 | | 2051 | 65 | Surcharge - late filing fee or oath | |
| | 1052 | 50 | | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| | 1053 | 130 | | 1053 | 130 | Non-English specification | |
| | 1812 | 2,520 | | 1812 | 2,520 | For filing a request for reexamination | |
| | 1804 | 920* | | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| | 1805 | 1,840* | | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| | 1251 | 110 | | 2251 | 55 | Extension for reply within first month | |
| | 1252 | 420 | | 2252 | 210 | Extension for reply within second month | |
| | 1253 | 950 | | 2253 | 475 | Extension for reply within third month | |
| | 1254 | 1,480 | | 2254 | 740 | Extension for reply within fourth month | |
| | 1255 | 2,010 | | 2255 | 1,005 | Extension for reply within fifth month | |
| | 1401 | 330 | | 2401 | 165 | Notice of Appeal | |
| | 1402 | 330 | | 2402 | 165 | Filing a brief in support of an appeal | |
| | 1403 | 290 | | 2403 | 145 | Request for oral hearing | |
| | 1451 | 1,510 | | 1451 | 1,510 | Petition to institute a public use proceeding | |
| | 1452 | 110 | | 2452 | 55 | Petition to revive - unavoidable | |
| | 1453 | 1,330 | | 2453 | 665 | Petition to revive - unintentional | |
| | 1501 | 1,330 | | 2501 | 665 | Utility issue fee (or reissue) | |
| | 1502 | 480 | | 2502 | 240 | Design issue fee | |
| | 1503 | 640 | | 2503 | 320 | Plant issue fee | |
| | 1460 | 130 | | 1460 | 130 | Petitions to the Commissioner | |
| | 1807 | 50 | | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| | 1806 | 180 | | 1806 | 180 | Submission of Information Disclosure Stmt | |
| | 8021 | 40 | | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40 |
| | 1809 | 770 | | 2809 | 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| | 1810 | 770 | | 2810 | 385 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| | 1801 | 770 | | 2801 | 385 | Request for Continued Examination (RCE) | |
| | 1802 | 900 | | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40)

SUBMITTED BY

Name (Print/Type) Marc A. Sockol Registration No. (Attorney/Agent) 40,823 Telephone 650.856.6500
Signature [Signature] Date February 25, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Takashi Amano

Examiner: Unknown

Serial No: Unknown

Art Unit: Unknown

Filed: February 25, 2004

For: DATA STORAGE SYSTEMS
AND METHODS

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

GENERAL AUTHORIZATION TO PETITION FOR EXTENSIONS OF TIME

Dear Sir:

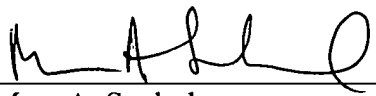
With reference to the subject application, and pursuant to 37 C.F.R. § 1.136, Applicant hereby authorizes and requests the Commissioner to treat any correspondence requiring a petition for extension of time as containing such a request therefore for the appropriate length of time. This general authorization is effective during the pendency of this application, including any division or continuing application therefrom.

Where no check is received by the Commissioner, you are hereby authorized to charge payment of the requisite petition fees, or charge any additional fee required under 37 C.F.R. § 1.17, or credit any overpayment of same, to Deposit Account No. 05-0150.

Date: 2/25/04

Respectfully submitted,
Takashi Amano

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By: 
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